Notebook, N-06-07-09

Burrs upwards -
All rungs on after pkg
all tubes nickel plated -

1178 5 nickel plated tubes in each group
35000 Green Thins 20 mesh fines off in -
1600 Ethyl Alcohol work in air till dry
Enough
6665 glucose - 15000 Co flocculus 20
100 Double Tamps, 3½ lb bot 5" drop -
Tamps
lot

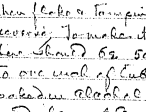
1179 T
lot

1180 T
wt

1181 T
W

1182 T
W

July 9th 1900 – We now have a new loading machine illustrating the idea of packing made with glass tubes. Years ago, good at times so it is even measurements first put in measured quantity of flake Co then of green stuff, then 2 tamps 3½ lbs not falling 5". Then again flake Co 7 grs on 37 mily green 4 lbs mily Co flake making 100 sections in a 3 inch Tube. On Cutting open the tube by a saw it is seen that the packing is equal the flake is separate from green but this will probably do the business if put more well for 3 or 4 months or half that at the pressure employed in using 7½ mily to get rid of the glucose mily – We are now trying putting in green then flake & tamping twice and after several trials to make it perfect, probably there should be 50 sections of green & flake to one inch of tube – The green could be worked in flakes & the fat removed & found down to



Thin way of flake when packed into tube lengthways –

Thumb nail when taken off plunger slightly rounded

Made 16 Mily flake 37 mily green

1183 5 ni plated Tubes
35000 green thro 20 mesh all person on
15000 Co flake thro 20.
Put in Tubes dry by the 2 plungers
100 Sections double Tamp's,
No glucose.
Lot 6.103 Thumbs 111 Sections
T 111 in Reg 3" Tubes.
Cal 274 9/000 Rings

Put right in 2½ to accord known before packing up

1184 Lot 6.023
T 100
Cal 274

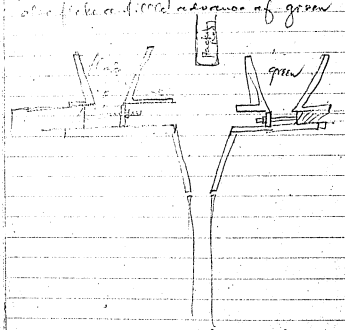
1185 Lot 6.440
T 100
Cal 273

Green 50 thro flake, thro Tamp –

1186 Lot 6.332
T 100
Cal 274

1187 Lot 6.482
T 100
Cal 273

1390 grms



1188 5 nickel plated tubes.
35000 green
15000 flake
Hot green hopper to be heated up
The green to be heated to 150 fully
of tube filled with double plunger
feed 100 seatings - Double Tamps

Lot
T

1189 Lot
T

1190 Lot
T

1191 Lot
T

1192 Lot
T

1193 = 5 nickel plated Tubes
3500 a green Mers 20.
16 cc ethylalcohol
15000 Coffcake stirs 20 1/2 thickness of Rayfenko
6665 q Clorox
10c Double Tamps

C of T

1194 C of T

1195 C of T

1196 C of T

1197 C of T

1198 Dup of 1193
Except 7500 Co flarkan 1/2 Thickenun

Lot
T

1199 Lot
T

1200 Lot
T

1201 Lot
T

1202 Lot
T

1203 5 Ni plated tubes,
35000 green Nico 20
16 cc Ethyl —
30000 Co flake Twice as Muckas req
6665 graphite —
100 Double Tamps.

Wt
T

1204 Wt
T

1205 Wt
T

1206 Wt
T

1207 Wt
T

1208 5 nickel plated tubes
35000 green Ikeda 20
15000 Nickel flake Same Thickness as Reg 6
6665 glucose
16 cc Ethyl -
100 Double Tamps

Wet
T

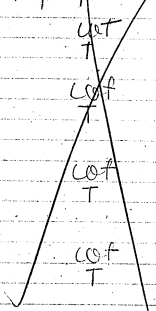
1209 Wet
T

1210 Wet
T

1211 Wet
T

1212 Wet
T

1213. Duplicate of 1208
Except 75 Double T



1218 5 nickel plated tubes.
35000 green Nitro 20 times all in
15000 nickel flake Nitro 20
Put in in 150 sections. Double T

T 7 green To 3 nickel – green 1st Nitro flake
green 1st flake 2nd Nitro To Nitro Tetra –

1218 C of T 5.81 9

1219 C of T 5.777

1220 C of T 5.683

1221 C of T 5.669

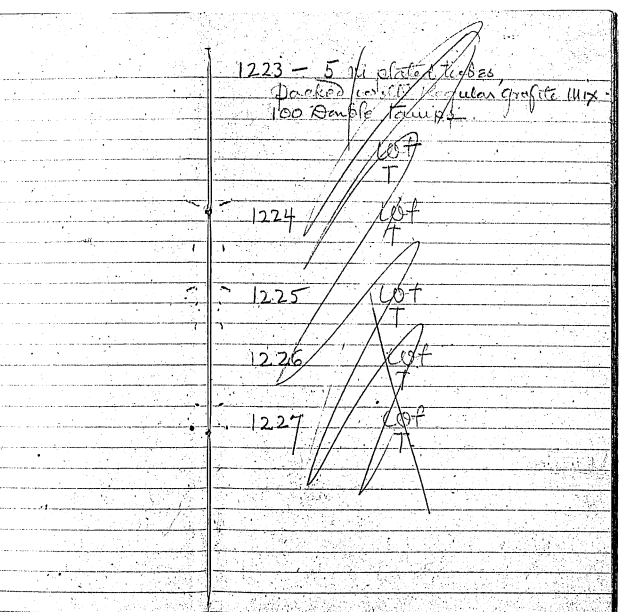
1222 C of T 5.695

4.817 greens

Ni flake natrum Nitro Hydrogen

1218 9 wires to 9 Nitro weight
Nitro Flake cuts
The nickel flake to Nitro Tetra –
was used by giving 10 Nitro of flake
and 10 cuts for Each Nitro the
average was used in as early 5.66.
Section tested Nitro
5 – 5 – 8 – 5 – 5 – 7 – averages 5.66

Nitro
Tested green Nitro found average –
30 – 30 – 33 – Nitro per section T


1223 – 5 ½ slotted tubes,
Packed with Calcium Graphite Mix
100 Double Turns
LOT
T
1224
LOT
T
1225
LOT
T
1226
LOT
T
1227
LOT
T

Iron through 20 mesh on 100 mesh
10 flasks 26 of Iron Mg for section

1228. Two Nickel plated tubes,
Ferric hydroxide by precipitation made
just like the make green Ni hydrate
Thro 20 mesh all Iron in
Cobalt flake 3 to 1/2 of iron—
packed in 100 sections by need
Plungers— Double Tamped vermilli
6 nickle, 4 gms

Wt 7.257

1229 Wt 7.384

5.225 Fe Hydroxide

2.717 metallic

1230 Two Nickel plated tubes
Ferric hydrated precipitated with
15% of Magnesium by same process
as used for making Ni hydrate.
Put in on 10th section 64 plungers
Double Tamps

Wt 6.689
T

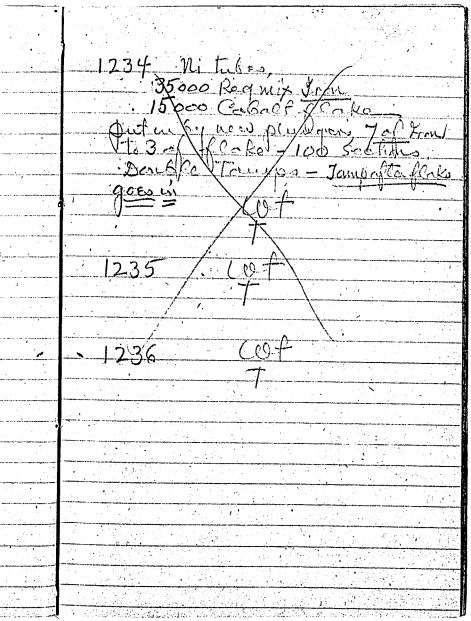
1231 Wt 6.635
T

1232 = Dup of 1230 Except
35000 ferric hydrate
15000 Ca flake
6665 glucose
1600 Shuf
100 Double lamps -

Cut
T

1233 Cut
T

Save balance mix


1234 Ni tubes,
35000 Required from
15000 Carbaff & Co Ltd
Put in 5 new ploughs, 7 of Trawl
No 3 of Flaked - 100 Snatches
Dan Affe Troupe = Jamaffa flats
goes in
Coff
T
1235
Coff
T
1236
Coff
T

1237 - 5 marked Cakes packed in 100 sealtons
Double Tamp 7 green to 3
Cobalt Cake. The green To
be warmed to 150° for the Icing
filling - After ageing 1 hour
Not left at 21% NOH

(green 19th then flake than Tamp)

Wt
T

1238 Wt
T

1239 Wt
T

1240 Wt
T

1241 Wt
T

11/5 to 12/41-
When packed dry the
green is put in first
then the flake then tamped
then flake, green & tamped
etc so on

Made

1242 5 nickel plated Tubes
Packed 7 green then 20
3 Coated then 20
but in this case the flake
put in first then the green then
tamped. Use only 150 sections
WT 6.280
T

1243 WT 6.298
T
Small crack one end

1244 WT 6.212
T

1245 WT 6.220
T
Small crack one end

1246 WT 6.072
T
Small crack one end

1247 5 ml tubes

350 mg green Wire 20
15 mg Coffee Wire 20
6665 gelatine
16 ml Ethyl

This is to be used to try if the Coke plunger will pull it into the tube OR — 100 Tampa.

Lot
T

1246 Lot
T

1249 Lot
T

1250 Lot
T

1251 Lot
T

Mode

1252 = 5 Ml plaid tubes
packed with new plunger
7 of green flow 20
3 Wheat Pabia flow 20
150 sections - Bam Boo Tongue

25 mtg green
10 mtg Co flake

COf 6.211
T
Cal 272

1253 COf 6192
T
Cal 274

1254 COf 6.227
T
Cal 272

1255 COf 6.162
T
Cal 273

1256 COf 6.271
T
Cal 272

Cut open 1st 4 forms took in
Layers + turned up at
Edges.

Dough 1st Ham flake Heart Tongue

Hold 48 hrs

1257 - Dup of 1252 but add Erasing Double Tamper

	Lot T
1258	Lot T
1259	Lot T
1260	Lot T
1261	Lot T

1262 = Green Phono 40 inner female conn
Magnum 3 Conflake
100 Scottam Double T

Lot
T

1263 Lot
T

1264 Lot
T

1265 Lot
T

1266 Lot
T

1267 Dup of 1257 - green Brough
100 wood fuses used in
100 Sections Domboo T

WT
T

1268 WT
T

1269 WT
T

1270 WT
T

1271 WT
T

1272 = 5 Mi Tubes green flow 20 fms. 20 mi -
7 green 3 Co of Cake of twice the
thickness of Regular flake occupys
½ the bulk as permanent change
of 250 — 100 Scruples — & Tampa

WT
T

1273 WT
T

1274 WT
T

1275 WT
T

1276 WT
T

1277 = 5 ml grounding on ground wire
8 grain 2 Cobalt of Coke
100 Sections Donaco Tamp Dropped
21000 grain Strap (Pin)
WT

1278 WT

1279 WT

1280 WT

1281 WT

1282 5 ml - green Rum 20 fruit acc.
9 green 1 Capact Cake Rum 20
100 Sections D.T. Dry pkg

21000 green
3000 Pink -

Wt
T

1283 Wt
T

1284 Wt
T

1285 Wt
T

1286 Wt
T

1287 = 5 ¾ Tubes - Dup of 1183
Except the green is the latest
make at Silver Lake with new Copper
Sealing Tubes in big Trunks -
9 Ts in Brew Case — Thro 20 from all in

LOT

1288 LOT

1289 LOT

1290 LOT

1291 LOT

We show that packet after ply had 55% of the original alcohol in green-green 3,940 - as against 4320. Whilst alcohol showing that alcohol evaporated the bulk is permeated also because and side of tube showed green the used up percentage to authentic those that will give generally all right of lubrication

Tubs dried out naturally after removal of boards, green until 1004

Made

1292 - 5 1/4 tubes

7 green saturated with Ethyl alcohol dried so it just flakes OK 3 Co flaki - Was brame page plumpt no crumbled be used 1/2 37 Mudy of 1/4 green * 150 Aprilcc Tedium - mixing off in phys.

LOT 6.674

1293 LOT 6.676

1294 LOT 6.743

1295 LOT 6.837

Small crack one end

1296 LOT 6.979

Made increase of weight 67 tubes from 18 to 1 Test - 1004

* The green used with two groups like 20 pure 40000 mulgins - Wet strength with Ethyl alcohol & Then worked in drab by water glass & Drying till dry enough to flow well The weight when dry enough was 149650 Mulgins - Kept it in bottle & Paraffin Bag Down to air while filling

$Ni(OH)_2$ used to 1297 on this
basis is green that dont
absorb H_2O spontaneously
when use Ethyl

green 26 mils/gram 12 mils per section.

1297 2 tubes + Reg green, 1 line 20
150 sections
Disc graphite flake + some
capacity in flake spring or recess
LOF 5.382

No caps in ends

1298 LOF, 5.472
No caps in ends

~~4.329 green~~

3.78 green

756 at 2 f-lb
Shawinigan GIS to brown
good but flat pockets,
fair amt green 2:11
fraction.

1299 - 2 tubes, Use regular Grow mix 25 mlg from 10 mlg Le f Cake 150 sections double stamps

LOT 10.211

1300 LOT. 10.293.

6 heavy Nickels — 3.5 Each — 70% in words -

5.145 nickels

Skewed gives 1.793 to LOT 7.175 cents

1301- 2 tubes.
12 mls green through 40 mesh from ash
5 " Co finks thro 300 Sections -
DT Wt - 6.513.

1302 Wt - 6.324

4.492 green

1303- 5 tubes thru 20 fine sieve

24 Mile grow 6 mg Cs flake

150 Scatters - DT-

CUT

1304 CUT

1305 CUT

1306 CUT

1307 CUT

flake Cs is 1/2 the thickness of the Reg 1/16000 flake,

1308. 2 tubes
12 Mulg green thro 42 inside former all in
5 " " Nickel flake thro 20
300 Settings. DT

Wt 6173

1309 — Wt. 6.270
Small cracking end

4,350 green

1310 2 tubes

1311 12 mls green thru 40 (mesh) ll w 5 Cobalt Inks ½ thickness of Bronwax flake by 1/20000. 300 sections, DT

3110 LCT 5.810-

1311 LCT- 5.848

4.093 green

The flake is softer bends over all kinds of creep & of 40. not flat like taupin Ni flake violach clear Green. 47 gives a slight Red on Taupin. Even the 2nd Group w other dyes Ni flake would be OR for the thickness, got 2 of Ni stones 300 sections to 3" Inbo wheel 60 OR—

Made

1311 1/2 Flat pockets 1 sq iron mix -
4.8 Grammes, [redacted] pressed with
20 alumo - pockets smooth & corrugated
20 alumo — 4 mi 3.>

No cake -

1312 -

Made

1313 Dup of 3111½ Except 40 acres

Dunseith & Conroy

1314

Made

13 15 Dup 3 111½ Except 60 acres
~~[redacted]~~ Smith's Cav.

13 16

Made

1317 Dup of 3111 Expt 80 atmosphere
~~Switch~~ Switching Catalyst

1318 –

Flake 1st green after Thermo Temp

1319 = 2 tubes -
450 sections - Cobalt flake,
6 mulg flake 7 mulg green Thro 60 mesh
Cobalt flake 1/2 thickness
of Regular cuts or stone -
OTT

Wt 7.520.

1320 — Wt, 7.549. 4045 green

Only made One tube — 1319
as Fred Ott made mistake & got 6 mulg
flake instead of 3 —

1320 is probably made right
3 mulg flake & 7 mulg green
Flake 1st -
This is Curious 5284 green

Probably 1319 was ok but end of pipe
towards blast when we weighed &
formed 6 mg flake instead of 3 —

Flake 1st green 2nd then tan

1321= 2 Packets (Ni flake Nat'l grade) Hula Hydrogen —
450 sections,
2½ Mils of NICKEL FLAKE
½ thickness for 30 min. = 6 mils
green thru 60 min = DT.
(U)

1322 LOT.

1323= 2 [redacted] Fibers

Mi flake not pressed through

Regular Iron- 2½ mil g Nickel flake ½ thickness of Diameter
Zones- 6 mil g Red mix black wax
450 sections DT.

cut

1324 cut

1325 = Reg 7 from 615 grow plots
Run with 4 Nuckels 315

1326

1327 Made

1328

green 1st - flake 2nd -

1329 2 tubes.
300 sections, 5 mg flake Co
½ thickness — 12 grs en llno
60 mesh heated on heater
for over 1½ hours & used
heat. ~~approx 150 to 160°~~
~~not to exceed 175°~~

wt 5.938

1330 wt 6.040

4.160 grms

Packed machine pelleting with
flakes of green on Simultaneously

1331 2 Tubes green Mix 60 mesh ferric in.
300 Sections 5 mlg/ Nickel flake
12 mlg of green NB 2294
Containing 9% of Bismuth ~~Oxide~~
Bi_2O_3

Wt 6.615

1332 Wt, 6.650

4.641 0 green

Flake in first green record -

1333 – 2 tubes.
300 Sections – 5 milligrammes of
Cobalt flake – 12 milg of
No 70 Abm grant Non pyridpenic
iron with 10.8% Hg Dope – D.T.
Wt 13.259

1334 Wt – 12.483

10,000. Fe mix

1335 = 2 Liters
flake green Both dumped in at once
5 Mily Nickel flakes not three
Hydrogen not three alcohol
Shades than when alcohol
is used — 12 green three 100 —
Mesh funes all in —
300 Dextrins green Wet with
alcohol & dried out enough
to handle in filler —
DT —

Cof 7069

1336 Cof 7210

4.997 green

green slick in my lab —
Little too moist

Bath flake & green go in
Smaller Cardboard Carton -
1337 - 2 Tubes.

5 mils Co flake Reg
12 " green thro Co

Heated to 300 degrees ~~C~~
~~[illegible]~~ & used at
once. Keeping Cover over
Hopper of packing Machine

300 - Sections, OT -
Wt 6.537

1338
Wt: 6,735

4.645 green

1339 2 tubes -

10 mdg flake Nickel
24 " green Thio 40 —
150 sections flake + green B.O.Ck
prod on all 2 aa, NOT
Smithsonian
WT

1340 WT

1341 –

10 mls/ Cobalt flake 24 mls of the Black Bismuth Nickel Hydrate now drying on the Shelf – Its Wt 40+ Black stuff + Cake to G2 put in Ammoniacal 150 Stirring DT

Wt 8.1353

1342 Wt 8.1463.

5.1847 Bi Nitrate

This shows large quantity Bismuth in green – Last night the mix Wt 40 was Cloaked Black – under Microscope about 2/3rds was Black 1/3 green this morning after drying it was all green except few patches, so the black stuff must have decomposed To colbalt

both thrown into Sumlaine
10 Mlg flake Cobalt
24 Mlg of Black—
1343 2 Tubes, 150 Sec D.T

Green thro 40 mesh put hot on water bath 2 hours— then poured on grains of Citrate Bismuth on Ammonia Concentrated, Docked 1/4 hour then Solution poured off— Water put on for a moment & poured off quickly— Then dried dry on plate, A Solution of glucose 1 Sp mch Black in 1/2 Tube Water on Rog Evap dish to which added Cube. mch more than 21% KOH, after just under Boiling 1 gr of the green with Bi thrown in Kept just under boil for 20 minutes Then whole poured off washed 6 or 8 times with Boiling Water till clear— Then added Alcohol twice & dried— v. very black & heavy—
Wt 8.340

1344 Wt 8.188
5.784 Bi green—

1345 bath put on simultaneously

5 milgms ½ thickness CaCaCf flake 24 Milligramm green through 40 mesh. 150 sections, DT-

Rubber tipped plunger 20/mm thick

COf 5.802

1346 COf 5.654

4.753 - green

Rubber tip comes off frequently + reward badly - must make head in sections + then rings around to make the pineapple work off - like glass R pkt pressing

Made

1347 2 flat packets,
3.15
grams of ferric hydrate same as
used in ~~1232~~ 1228 – Used regular
pressure
4 nickels –

1348

Had new deep plate

1349 2 pockets flat —

Ferric hydrate containing 15% of Mercury made by Wolcott 4 grammes Regular Pressures — 4 Nickels —

1350

Made

1351 2 flat packets,
5 grammes of No 70
abrasgraut Brown Monopyrophoric
Reg. Provisions
Use 6 months

1352

Hard wax deep pkts,

both put in simultaneously

1353-

10 Reg Co flake,
24 grain thro 15 mesh fines in -
DT-
Wt 6.307

1354 Wt 6.130

4.340 grain

~~1355~~

1356

1355 Dup of 1353
Except part in Sequan Cobley flake finit —

LOF 6.251

1356 LOF - 6.312

1357
10 Cof Cake Rec'd
24 through 60 mixed
put in Quadruplicate
DT
Wf 6.534

1358 Wf. 6.428

4510 green

1359 Dup of 1357
Except flake 1st — Separately DT
Lot 6.396

1360 — Lot 6.370

1361- 2 tubes - Screen green tho as
10 flake Co Reg
24 green No 2175 gwa number
use it just as it is —
DT
flake front than green
Wt 7.310

1362 Wt-6.515

1363 = 2 cubes Screen green thro 20
10 Co flake Req
24 green Nº 2176 y WA number
flake first then green D.T.
Wt 6.749

1364 Wt — 6.622

1365 2 tubes Screen grs on thru 20
10 mes Coflake Reg
24 " no 2177 GW a number
flake put in front, grs on 2nd DT.
delivery fine -
Lot 6.276

1366 Lot-6.202

1367 2 Cubes
Screen green lines 20
10 Mulg Co of Lake Reg
24 " " 2190 JCWA number
flake 1st green 2nd Screen lines 20
Wt 6.323

1368 Wt 6.090

to fine but some few big pieces that
20 mesh water Lake sand,

1369 – 2 tubes –
Screen grass thru 20
10 Coffalake seq
24 "CAO 2184 & WCA numbers
flake 1st green 2nd – DT
Wt 5.750

1370 Wt 5.603

1371 2 tubes Screen green tubes 20

10 Mulg Co flake Reg—

24 " Jgl Ba number 2193

flake 1st green 2nd — DT

Wt 6.040

1372 Wt. 5.900

1373 - 2 tubes — Screen prism tubes 20
10 Mile/Co-flake Rey
24 " JWA number 2189 -
flake 1st green 2nd —
WF 5.560

1374 WF 5.472

1375 = 2 tubes Screen grain thru 20
10 mls Co flake Ray
24 " Qwate 2180
flake 1st grain 2nd —
Lot 6.269

1376 Lot 6.164

1377 2 tubes Screen green Mrs 22

10 Mulg Co flake 9oz
24 " JWA no 2191
flake 1st green 2nd —DT
Wt 5.783

1378 — Wt 5.527

1379 = 2 tubes — screen green thro 20

10 mls Co flake Reg
24 hrs @ 18°a 2181 —
flake 1st green 2nd — AT
WH

Mixed up

1380 WH.

1381 2 tubes – Screen Mno 20
10 mls Ca Cl Cake Reg
24 mls Gloa xo 21/83
flake 1st green 2nd – DT
Wf

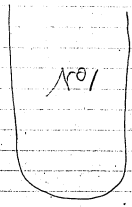
mixed up

1382 Wf –

1383 = 2 tubes
10 inch Coffee Rod
24 " Rod [illegible] 11/20 20 -
Packed with tamping rods with
Various shapes on End

Wt 6.090

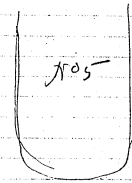
384 Wt 5.972



4.221 grms

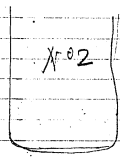
1385 Dup of 1383
except temp -
WT 6,165

1386 WT 6,288



1387 Dup of 1383
Except End plunger
LOT 6.299

1388 LOT 6.367

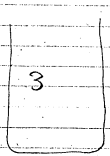


Steel less rounding than 5

1389 Dup of 1383

Except pkg rod Lot 6.443

390 Lot 6.525

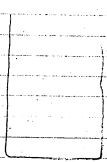


Invoiced as BS, rounded at Edges

1391 Dup of 1383

Wt 6.468

1392 Wt. 6.364



only little rounded

1393 Dup of 1383
Lot 6.565

394 Lot 6.621

4.615 gross

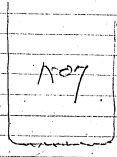
N°66

Carcass round

1395 Dup 1383

Lot 6,513

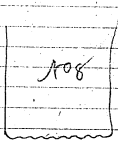
1396 Lot- 6,354



1397 Dup of 1383

Lot 6.497

1398 Lot-6.336



Warped 1/32
" 3/64

Corrugated about like Cups

1399 Dup of 1383

Wt 6.390

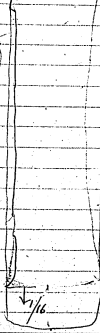
1400 Wt - 6.477

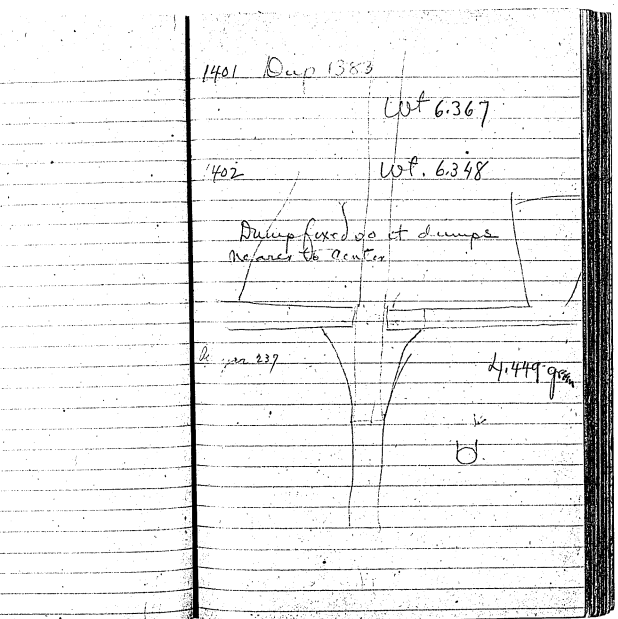
Back off the roots let air out

4.503 grms

139 warped 1/32.

140 " 1/32

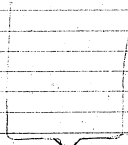



1401 Dup 1383
Wt 6.367
1402
Wt. 6.348
Dump fixed do et dumps
Refares to Acuten
4,449 gms

1403 Dup of 1383
Wt 6.215

1404 Wt 6.330

4.390 gross

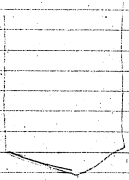


1405 Dup 1383
LLF 6.206

1406. LLF 6.220

4,390 9/16

14 warp/eel 1/32
15 " 1/64



1407 2 tubes —

Use square ended ⌊ ⌋ tamp rod
10 flake 24 screw — screw 15

Put in screw tamp Twice — Then put in flake.
tamp once — Then screw & tamp Twice &
so on —
Spring 1/32 Pk 1/32 Wt 6.677

1408 Spring 1/32 Wt. 6.596

4.643

1409 Dup of 1407

Except 1 amp green twice & flake twice

Spring 3/64 Wt 6.870

1410 Spring 1/32 Wt 6.938

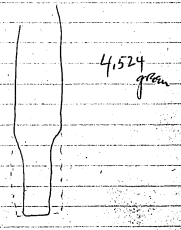
41832 green

411 – 2 tubes –

Use square End Tamp rod
15/1000 less diameter than seq
10 flake 24 grain – green 1st

D.T.
Spring 1/32 Wt 6.575
Plunger .222

1412 Spring 1/32 · Wt 6.352



1413 Dup of 1411

Except Tamp rod to 30/1000

less diameter

Cubic inches 4.32 Wt 6.322

Plunger 2.07

1414 Wt 6.386

1415 Dupont 1411

Except End tang radius
60/1000 less diameter.

Inner spring 1/32 Lot 6.087
Plunger .177

1416 Lot 6.161

1417 2 tubes.
Square feed Lamp Top
10 leaks 24 green
green 1st =
2½ lb weight DT
green 1st WT 5.771

Silver spring 1/32
1418 WT 5.910

1419— 2 tube
Dupaq 1417
Except 1½ lb weight
Wt 5266

Tubes spring 1/32

1420 Wt — 5326

1421 2 tubes —

10 flake 24 green — square faced
tamp to al — OT —

Tubes to have no lap or seam
Cut butted together —
If after 1st one is made it springs
open 60 rings Cut 60 out and
abandon it if its OK put on
rings tight — green part

WF

1422 WF

with an internal of mild it springs open from
212 to 286

Cut out

1423 2 tubes
Dup of 1421
Except tube is lapped but
not hook lapped
green 1st

Lot

1424 Lot

when taken out of mold opening open from
2/2 to 2⅞

Cut out

1425 2 tubes –

10 flake 24 green – square faced
temp rod – BOT –

Dissolve glycerine in water 1/2
water 1/2 glycerine – other well
dip tubes in it & dry to
Hudson water coff – [illegible] ck
seg — green 1st
Lot 6.384

Pimpri 23/1/32
Sf sump
1426 Lot 6.560
Sf sump 1/32

Glycerine run off Ether water on a duck
block

1427 2 tubes –

10 flasks 24 green square
~~faced rod – D.T.~~
after packing – carry mould
to hydraulic press – use short
bottle + glass tube 50 atmos
see if it comes out straight –
green VP VP

128 VP

Cut Cut

1429 2 tubes —
Extra plated by Cawley
1/2 of .0001 on side | thicker
so tubes will be stiffer than
now — 10 tubes 24 green ST
WT green 15T

1430 COT

1481

Make some Lap Tubes spiral

Remake knob one each + find out how to make

½ doz

1432 2 tubes Burrs outside

Square faced tamp rod - fit rather close — 10 scale 24 green DT green 1st — Wt 6.118

Spring 1/32

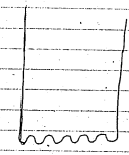
Fringer 245

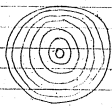
1433 Wt - 6.105

Spring 3/64

cracked one end

1434 = 2 tubes -
10 flake 24 green green 1st - DT
Wt 6.272
Klinger 287
S/ wrap 1/32





1.35 LOT 6.306
S/ wrap 1/32

1436 —

10 flake 24 green green 1st DT

Tubes with double laps

Plunger-222-Reg plunger to large

Tubes Straight Wt 6.222

1437 Wt-6.170

Tubes Straight

1438 2 Cubes

10 of Cake 24 green green 1st QT

Packing trial thus

Wt 6283

Wt 6382

1439

2/. imp 1/32

1440- Dup of 1438

Except reverse the tool + have X against the seam -

S/wing 3/64 CO P 6,289

1441 CO P 6,346

S/wing 3/64

1442

10 flake. 24 grain grain 1st -

After felling drill through the Cantle 1/16 hole from end to end — after steaming thru put in Caps Ground it sq —

Coef 5.758

1443 Coef - 5.740

Tubes Spring. Straightened them to drill

Use unplated perforated sheet or plate allowance 4 annular in ¼

1444 – 2 tubes –

Burrs inside but ends filed off so there is twice as much opening as 1445 – 10 flake 24 green OT | green DT –

Pin gage 250 Lot 6,639

Spacing 1/32 cracked both ends

1445 Lot 6,602

Spacing 1/32

U

Use Kryptatid clock then after grinding & cleaning plates touch up drawings in styling

1446 - Dup of 1444

Except bars filed nearly all off - to leave bulge as is

c. ach. end 5 turns 1½ Wt 6.569

The holes should be thoroughly cleaned out after filing -

Ringer 2.5.0

1447 — Wt 7.377

5 turns 1½

c. ach. one end

~~[illegible]~~ -

Weighed a tube before putting in water & after 10 minutes soaking

Before 8111 gained

After - 9100. 929 milg -

Clay comes out very slowly showing holes and channels very square -

Left in all night in at 6.30 PM

out at 8.05 am

Gained - 1.049

1448 Dowb of [redacted] 1431

Lap tubes Spiral with 4 rings

& bes removed Straightin loadjwt 6.3 12

Plunger [redacted] 237 Rig.

1449 Wt 6.420

1150 Drop of 1431.

Lap tube Spiral no rings

Tubes remained straight in loading.
Plunger 237 wt 6.913.

1467. Net 6.527

1452 2 Vi Tubes Dup 1414 except
2400 Perforation bars filed half off
wt 6.343
Plunger 245
1453 wt 6.145
spring 164

1454 2 Tubes Dups of 1444 Except

2400 Perforations burs all filed off

Plunger 245 wt 6.068

Spring 1/64

1/155 wt 6.286

1456 2 Tubes Exp of 1444 except

Rogers # 1 Perforation

wt 6.342

Ranger 237

spacing 1/32

1457 wt 6.270

1458 2 Tubes Dup of 1444 except
Rogers #2 Perforations
wt 6.256
Plunger 287
spring 132

1459 wt 6.251

1460 2 Tubes

Rogers #1 Perforation
Flake 10 Green 24 both put in at once

Wt 6.428

Spring 1/32

1461 Wt 6.388

1462 2 Tubes Rogers #2 Perforations

flake 10 green 24 green + flake both put in at once

Spring 1/64 Wt 6.1465

1463 Wt 6.545

1464 — 3 tubes — Rogers opened sylet — Nickelplated — 2400 Perforations

Regular plunger 60/1000 Lead diameter — 10 Cb flake 24 green Illin 20 mesh fence hell in — put in Simultaneously 2 of 1 style

(Flake 1/2 open before green opened)

Wt 6.275

Sprung 1/32

1465 Wt 6.043

1466 Wt 6.070

4.641

1467 Duplicate of 1464
Except Range 2400 Perforations
NO 2 style of
feeding pneumatically
(flake = green opening at one time)
Wt 6.070

Shrimp 1/32

1468 Wt 6.205

1469 Wt 6.281

2400 Perforations

1470 — 3 Rogers eyelet black
Nickel plated —

Regular sized plunger —
10 Coffeake 24 Thru 2 to fuses in
Red Submitted only No 1
style —

(flake 1/2 open before green opened)

Spring 7/32 Wt 5.968

1471 Wt 6.060

1472 Wt 6.024

7/18 05-2
6.017

2400 Perforations

1473 – Dup of 1470

Except No 2 styls offset
annulus unevenly

(flats & grain opened at various times)

Cr hrd both ends Wt 6.052

Spring 1/32

1474 Wt 6.030

1475 Cr hrd both ends Wt 5.981

3/18/06-3
E.O.21

2400 perforations

1476 = Dup of 1470 –
Except No 3 slph.

(flake all open before green open)

Wt 5.874

Shrimp 132

1477 Wt 6.050

1478 Wt 6.025

5/18949
5.983
5.9

2400 Perforations

1479 . Rogers Eyelet Stock Ni plated

Plunger 60/1000 punches (6 mm
req. 10 flake NICKEL - 24 grams
Then 20 beads fumes all in
feed simultaneously No 1 style

(flake 1/2 gram 6 7/8 grams a pcs)

Wt

1480 Wt

1481 Wt

2400 Perforations

1482 Dup of 1479

Except feed No 2 Style NICKEL Flake

(flake + green ⊙ forming a fume tube)

Lot

1483 Lot

1484 Lot

2400 Perforation

1485 Rogers eyelet stock x i plated

Regular size plunger
10 NICKEL flake 24 green
11x10 20 fuses in —
fed smallest cavity x 01 style
(flake 1/2 opened before grasped)
WF

1486 WF

1487 WF

2400 Perforation

1488 Dup of 101485

Except for No 2 style

(flake x green x pencil streaks two) NICKEL FLAKE

Wt

1489 Wt

1490 — Wt

2400 Perforation

1491 - Dup of 1485 -
Except No 3 style -
NICKEL FLAKE
(flake all opened before green opened)
Lot

1492 Lot

1493 Lot

This Ni green is very much harder to Crush, its also 12% heavier (c) 12% more goes in Rubo Chart Reg. its not so green—

tested it by drawing 1/2 oz in HCl a little diluted + used BaCl— No sulphates —

2400 Perforation

1494 Rogers toilet block

10 Cobalt flake 24 green
This 20 flakes all in green
Made by Washing once before filtering + drying + then washing in per-cobalt—

Fed simultaneously by No 1 slide —

(flakes open before green opened)

Wt 7.740

Spinning 1/32

1495 — Wt 7.807

1496 Wt 76.72

5.447 grass

7) 23219
9739
5.447-3

2400 Perforation

1497 = Dup of 1494

Except feed by no 2 style

Special green cam on 1494

(flake x green opening Ammo Tins)

Stuck in feed plunger Wt 7.695

Spring 1.32

1498 Wt 7.850

1499 — Wt 7.978

3 | 23573

7841 73

5.48887

2400 Perforation

1500 ~~Regent~~ zyBatstock Ni plate)

Reg plunger 10 Cobalt flake
24 Special green

Two washings before drying + percolating

Put in by Style #01

(flake 1/2 open before green open)

each one end
Spring 1/32 Wt 6.574

each one end
1501 Wt 6.437

1502 Wt 6.223
3 | 19234
6411
7
4.48.77

2400 Perforation

1503 - Dup of 1500

Except put in by style 102
(2nd watch green)
(flake + green opening at 3 o'clock)

spring 11/32"
crack both ends — Wt 6.345

1504
crack one end — Wt 6.175

1505
crack one end — Wt 6.102

3 | 18.622
6207
4,344/9

2400 Perforation

1506 — Rogers eight-stock tri plated

Reg plungers —
10 coal lake
24 speckled green 3 washings
Gasoline Drying & parcel labeling —
NO 11 style trading

(Label 1/2 opened before green open)

Wt 6.393

Spring 1/32
each one end

1507 Wt 6.322
each one end

1508 Wt 6.245
each one end

3) 18.960
6320
4,424 0

2400 Perforation

1509 Dup of 1506

Except no 2 ~~slight~~ feed

(flake of green opened some time -
(3rd w each green)

COF 6.1447

opening 1/32

1510 COF 6.341

1511 — COF 6.153

3) 18.941
6.313
4.941

2400 Preparation

1512 Rogers eyelet stock Burroground

10 Mdy Co flake

24 gotten Wed 20 fences in -
put in style 1 Sunbelt economy
Reg plunger
To 62 charged 10 hours reset 10 hours
charged 10 reset 10 + charged 10 hours
more + then thereby acquire new
regular thereafter.
crack with end LOT 6.370
Spring 1/32

1513 LOT 6.362
When tube was partly loaded when I seen flasher
was not feeding very good long pieces in hopper

514 LOT 6.430

3 | 19-1-67
6387
4,4709

2400 Perforation

1515 Dup of 1512

Except part in Style No 2
Simultaneously

Spring 1/32

Wt 6.255

1516 Wt 6.344

1517 Wt 6.502

3)19.101

6.367

Has debut of 10 mils

Dig 10 mils to

but debut is required

6367

4.45-6-9

No 2400 of holes

1518 Rogers by perf 6 wd ground

10 Co flake
24 Mch. green thro 40. fines in
Roy plunger
Put in by style No 1 –
Wt 6.313

1519 Wt 6.038

1520 Wt 6.079

7)18.430
6.143
4.3001

2400 Perforations

1521 - Dup of 1518 Burma Sc

Except punch only Style 102

Regplate - 23 1/2 in -

Springfield

Wt 6.020

1522 Wt 5.917

1523. Wt. 5.850

3)17787

5929

4.1503

2400 Perforation

1524 – Rogers eyelet big perf-ground off

10 Co-flarks

24 grooves 11/16 60 mesh finish

Put up big style 701

Reg plug-in

4 prongs 1/32 COF 6.026

1525 COF 5858

1526 COF 6.010

3 | 17.85 | 4
5.95
4.17 5/3

2400 Preparation

1527 Dup of 1524

put in by Style X02
Reg plan/gas

a few mm 1/32
in bottom end

Wt 5.940

1528

Wt 6.082

Wt 6.036

1529

crush fine end

3 | 18 0 5 7
6 0 1 9

4 | 21 3 3

2400 Perforation

1530 Rogers Cyl Eyelet - 6 was ground

10 Co. of Cake thro 20

21 mlg green thro 20 fine sieve

3 mlg Chloride of Potassium-

through 100 mesh fine sieve

Green & Chloride mixed - so 24 mlg

of the mixture equals ——

put in by style #01

Rod plunger

Spring 1/32 Wt 6.760

1534 Wt 6.965

on home end

1532 Wt 6.914

3/20.639

6879

after making pocket tubes 2 days

in gallon water container

20 oz of KOH Change 3 times

then assemble 6879

4.8153

2400 Perforation

1533= Dup of 1530
Except mix the flake at 100 mesh
Chloride with Enoch matter in
proportion of 100 parts of
flake with 30 parts of Chloride-
namy 13 mlg of flake with Chloride
21 " " of grass —
Put in by style No 1
Soaked =

Object is to get the Chloride
mixed with the flake instead
of the grass as in previous
groups

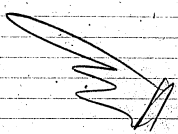
one of one end — Wt 6.630
3/4 inch 1/32

1534 Wt 6465

1535 Wt 6434

~~1536~~

Duplicate all
Groups from 1494
with Nickel flake
if they show after
900 milliamps after
the 5th Run —



2400 Perforations Holes

1536= Rogan eyelet stock Guard ground

3.3 Mily Nickel flake
8 Mily GREEN through 20 times in
Put in ~~oiled~~ Number 1 —
Three sections put in each time.
Then Jump twice over
Reg plunger

~~1535~~ Wt

1537 Wt

1538 Wt

2,00 Perforations

1539 – Rogers Cry prof. burr ground
5 mdg Nickel flake
12 " green Chro. 20 –
Put in Cy Style 101
Cut Twice put in thru Tramp
450 cw Reg Plunger –
WF

1540 WF

1541 WF

2400 Perforations

1542 Regular Eng – burnt ground

5 mlg Nickel flake

12 " green club 20

Style 101

Put 3 Sections on then turn twice or so on Reg pl. in gap

Cut

1543 Cut

1544 Cut

2400 Perforations

1545 Dup of 1542

Except, dumped 4 sections
then pumped 4 sd on
Rate permit

WF

1546 WF

1547 WF

2400 Perforations

1548 — Dup of 1545 —

Except put in in 6 sections
then Pump twice —
Regelingi —
Wt

1549 Wt

1550 Wt

2400 Perforation

1551 = Dup of 1530 -

Except 19 grams + 5 Chlorides of Potash mixed in Chalk propantin - You using 24 of the mix 10 Nickel flake Prop.

wt

1552 wt

1553 wt

2400 Preparation

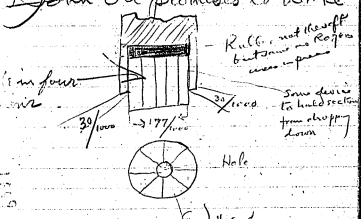
1554 = Roping by stock Gurney's

10 nickel flake

24 griffin micro 20

Packed with new plunger

John Ott promised to make



Wt

1555 Wt

1556 — Wt

1557 - 2 flat pockets 4.5 grams
Reg vapor - Reg pressure
4 individuals —

Charge @ 4 times at 300
rate 15 hours discharge —
Discharge at 800 rate, each
time than charge 300 rate
& discharge regular rate, Then
is to determine if very high
discharge rates would shrink up
the pores & if it stays up

1558 —

2400 Perforation

1559 = Rogers Eng 2 plate burs filed
Req plunger —

10 Nickel plate 1/2 thickness
24 green lens 20 fenestra —
style No 1
LOT 6.215

spring 1/32

1560 LOT 6.405

1561 LOT 6.223

3 | 18843
6281
43967

2400 Perforation

1562 Dup of 1559

½ Illuchrome Nickel —

Put in by style No 2.

Wt 6.265

spring 1/32 all

1563 Wt 6.302

1564 Wt 6.358

1565 Effected 1567 Not effected
1566 1568

1565 4 flat cups — Done

45 grammes of special iron to be made by Ralph Abraqant from Sulphate of Iron free of Vanadium & then into Oxalate,

Ralph is to reduce by H in Degousall apparatus, putting in Regular percent of dope & make up into packets & send up for test Regular — 2 packets of the 4 is to have Dope & 2 to not have dope

Fred Dell is to see that Dr Grothe furnishes the Oxalate that Ralph gets it & see that Ralph sends up packets for test —

1566 1567 1568

2400 Perforations

1569 = Rogers stock 6 mm felt

10 Meteor flake

24 green fibre 20 generic

Style Dro1

Rubber disk on end plunger

WT

1570 WT

1571 WT

1572 - 2400 Reforetime Rogers stock Gunsfield
10 Mekal flake Wrought Hi Grade
24 green Tusco 20 Mesh
Style #01 —
Wf

1573 Wf

1574 Wf

1575 — 2400 Perforations
Rogers stock —
10 nickel flake 1/2 thickness
through Hydrogen —
24 green 180 20 mesh
Style 101
spring 1/32 Wt 6.333
1576 Wt 6.225
1577 Wt 6.119
3 | 18677
6226
7
43582

1578 — 3 Tubes Rogers 2400 - plunger 245/1000 thin

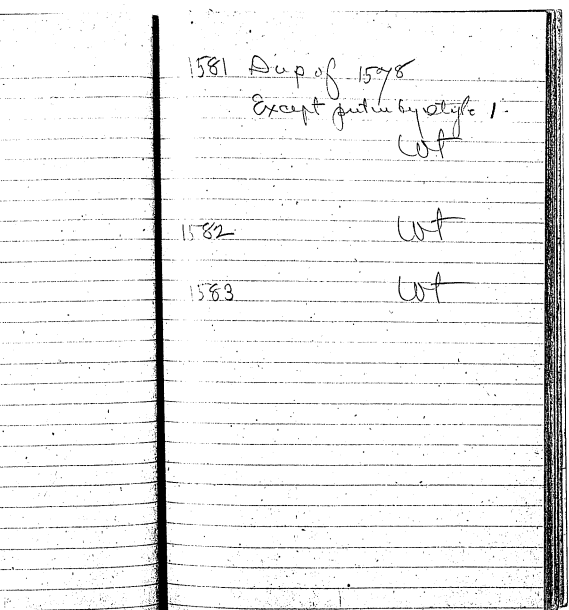
10 Nickel flake thro 20 -

24 green thro 20 This green is the special green manufactured by Gaffer Drying to be 1 quart bottle marked XXX — put in by style X02

Jan 1/32 Wt 6.069

1579 Wt 5.945

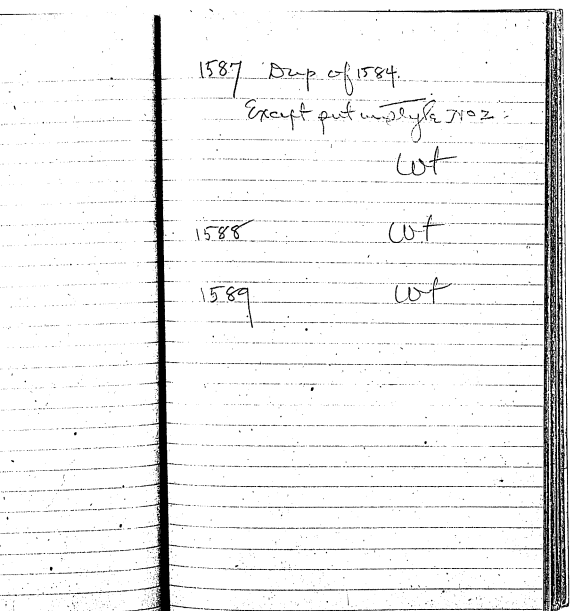
1580 Wt 5.996


1581 Dup of 1578
Except portion by cliff /-
WT
1582 WT
1583 WT

1584 Reopen 2 ovs (were ground)
10 Mckst flasks
24 green - Reg plungers -
Charged 10 hours ovs at 10 hours chgd is how
next 10 hours chgd 10 hours - then
charged reg = Quantity ovs reg -
Cycle 1 - Cwt

1585 Cwt

1586 Cwt


1587 Dup of 1584.
Except put wt style 702.
wt
1588 wt
1589 wt

1590 – Rogers 2400 burn off –
10 Nickel fenke
24 9TSEM –
plunger 60/1000 Rose Lemuth
Part No 01 Fe X01
Plugs 10 hours next 10 hours change
10 hours next 10 hours Chg 10 hour
a discharge regulator & run freq
Ignition W
WF

1591 WF

1592 WF

1593 Dup of 1590 –
Except put in style No 2
Wt

1594 Wt

1595 Wt

1595 – Dup. of 1467 strength 2.
To Gz run in 33% KOH.

sp. wg 4/32 Wt 6.868

1596 Wt 6.957

1597 Wt 6.836

Last two days the air was so damp
the flasks did not close well

1598 Dup of 1467 style
With NICKEL flake
Runs 33% ROH —

Cut

1599 Cut

1600 — Cut

16.01 — Ruger 2400 eyelet stock
W. plated
spiral 10 volt Lake
24 green thread 20 denier
put in style #2
Lucas rings
Mg plunger

Remained straight in loading Wt 6.980

16.02 Wt 6.808

1603 Rogers 2400 grs 2 1/2 Lt Stock

Coral tube N. Lectrol

10 Cobalt Stake 20

24 green through 20 fence in

No Paint

Fair to 2 Styles

Reg. plunger

Wt 6.424

Laminated straight in loading

" 24 " Wt 6.435

16 S Rogers 2400 cyl lt stock
Nº Jacketed Spiral tube
10 Nickel flake
24 Green Thumb 2 spines in
Lower limit
Set in #2 Style

2nt

1606 2nt

1907 Rogers 1400 Cyl-Ect-Stock
N. plated Spiral tube
10 Nickel Plates
24 Sheets tinsel 20 pieces in
Borings
Put in # 2 Style

Put

1908 Put

1609 Dups of 1554 except

10 Cobalt flakes

24 grain through 20 screen in

Packed with new plunger 4 Sections

Stage # 2

cracked one end wt 7.017

spring 1.52

1610 wt 7.050

cracked one end

1611 wt 7.247

1612 Rogers 24000 exhibit Stock
W. faluted tubes
10 mg Co floats through 20 mesh
2½ " green through 20 mesh finer in
Tumbled with squeeze feed machine
fed in by stitzle # 1 reg plunger 2.37/1000
spring 1/32 wt 6.564

1613 wt 6.544

1614 wt 6.682

plus in fitting close in hole above tube

1615 Dups of 1612

Except part in dy -style # 2

of ring 1/32 wt 6.302

1616 wt 6.339

1617 wt 6.761

Emi one end

for per fitting close in tube above table

16:7 Rogers 2400 cyl't stock
N. plated tube
10 mg Co flake 20 mesh
24 grams through 20 ½ fines in
Loaded with square feed machine
¼ in by style # 1. plunger 17/1000 Dia
wt 6.350
Spacing 1/32
16:9 wt 6.298

16:10 wt 6.328

Plunger fitting close in hole above tube

1621 Dash of 1618

Except put in by style #2

spacing 1/32 wt 6.343

1622 wt 6,350

1623 wt 6,351

plus fitting closer in tube above tube

1624 Rogers 2400 eyelet stock
N. Selected tubes
10 mg Co flash through 20 mesh
2d Green through 40 mesh finer tin
Lined with square feed machine
put in by style #1 reg plunger 237/1000 dia

wt 6817

spring 1/32

1625 wt 6.695

1626 wt 6.624

plunger fitting close in tube above tube

1627 Deeds of 1624

Except put in by styles #2

s/p maj 1/32 wt 6.222

1628 wt 6.292

1629 wt 6,188

for inserting clerk in below tasks

1630 Rogers 2400 Eyelet Stock
N. pointed tube
10 mg Co flake through 20 mesh
20 mg garnet through 40 mesh sieve in
Zn lined with square feed machine
fu... in dry style #1 with plunger .177/1000 dia

...g 1/32 wt 6.485

...31 wt 6.555

...32 wt 6.482

fl... fitting close in hole above tube

1633 Dups of 1630

Except put in by style # 2

opening 1/32 wt 6.441

1634 wt 6.327

1635 wt 6.435

for supporting shoe in tube above tube

1636 Rosen 2400 eyelet stock
N. planted tubes
10 mg. Cu flake through 20 mesh
24 h green through 60 mesh
Tube filled with square pad machine
fill in by style # 1 Ref. Schuyler 23/1000

Spring 1/32 wt 6.326

1637 wt 6.524

1638 wt 6.398

pl. in fitting door iron holes above tube

1639 Draper of 1636

Except put in by style #2

spring 1/32 wt 6.413

1.40 wt 6.424

1.41 wt 6.406

Use on fitting door in hole above tube

1642 Rogers 2400 eyelet stock
N. slotted tubes
10 mg Co flake through 20 mesh
24 mg grain through 60 "
loaded with equal feed machine
fed 1 in by style #1 plunger 177/10.00

after run 132

wt 6.342

1643 wt 6.494

1644 wt 6.184

pl. gas sliding glass in hole above tube

1645 Dups of 1642

Except put in by style # 2

of wing 132

wt 6.327

1646 wt 6.257

1647 wt 6.212

Ph. is fitting class in subs above table

1648 Duplicate of 1536
except Co flakes
3.3 mgs Co flakes
8 mils green through 20 Lines cut
cut in style number 1 —
three sections put in each time
then temp twice & so on
Ref plunger
Loaded with aqueous feed machine
wt 6.048
sp. wt 1.32

1649 wt 6.089

1650 wt 5.970

fit — on fitting close in tube above tube

1651 Def of 1539
except
5. Mds Co finish
12 " of green through 20 times and
put in Dry style number 1—
Put twice post in then trump
20 on — Rig Trumpet
Loaded with square post machine
wt 5.977
spring 1/32
1652 wt 6.117
1653 wt 8.950
How a fitting close in shell above table

1654 Dwg 1542

Except Co plate

5 Milg Co plate 20

12 " Ogeen through 20 fillers in

stake Member 1—

p t B sections then tamp twice

20 on Reg plunger

Loaded with square feed Machine

wt 5.901

spring 1/32

1655 wt 6.056

1656 wt 6.042

1/4 per fitting close in bolts above tube

1657 Days of 1542

Except Clamps 4 sections

Clamps twice + so on

Reg plunger

Loaded with square feed machine wt 5.865

1658 wt 5.800

1659 wt 5.883

for spec fitting closer in hole above tube

1660 Dup of 1545

Except put in in 6 Sections
then tamps twice
Reg Palmyra
to deck with square feed Machine
wt 5717

spruce 1/32

1661 wt 5,540

1662 wt 5660

pile is fitting closer in tube above tube

1663 Rapid 2400 Eyelet stock
Nickelated Tubes
16 Mfg. Co plates through 20 mesh
24 Miley green through 20 mesh liners as
put in Carl style #1 Plunger 245 dia
loaded with square feed Machine

# mg 132	WT 6.401
1664	WT 6.587
1665	WT 6.483

Use 16 having close fit in hole above
to 2

1656 Nagan 2400 pellet stock
W. plated Cylinder
10 Inch Co finish 20 Inch
4 x grain 20 Twist rh
Set in style # 2. Plunger .245 dia
Slotted with square feed machine

Spring 52 Wt 6.712

16 1 Wt 6.647

1648 Wt 6.413

Spring fitting close in hole above tube

1169 Rogers 2400 eyelet stock
Ni plated tubes
10 mils Co Blake through 20
24 " Rogers through 20 sizes in
In trim by style #1 plunger 249/000 dia
Loaded with Rogers feed Machine
All above tubes same size as new tubes

Spring 1/32 wt 6.317

1170 wt 6.323

1171 wt 6.360

1672 Rogers 2400 eyelet-stock
D-up of 1669
Except Jenkin # 2 style

Spring 1672 wt 6.244

1673 wt 6.344

1674 wt 6.387

45
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ξ_{m_y}